



CONSTRUCTION EQUIPMENT

9131 VOLVO A30F 12027 - TRANSMISSION (AUTO)



Sample No: VCP367885
Oil Type: VOLVO AT 102
Job No: 9131



SAMPLE INFORMATION

Sample Number	VCP367885	VCP258050	VCP215811	VCP182082
Sample Date	25 Aug 2023	15 Jan 2020	11 Dec 2017	02 Nov 2015
Machine Hours	10080	8302	6339	4121
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

RELIABLE CONTRACTING
 2410 EVERGREEN RD SUITE 200
 GAMBRILLS, MD
 US 21054
 Contact: RUSSELL HATFIELD
 RHATFIELD@RELIABLECONTRACTING.COM
 T: (410)987-1851
 F:



OIL CONDITION

Visc @ 40°C	cSt	27.0	27.9	27.62	28.97
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CONTAMINATION

Silicon	ppm	2	3	4	5
Sodium	ppm	2	0	2	6
Potassium	ppm	0	<1	0	4



WEAR METALS

Iron	ppm	16	21	16	34
Copper	ppm	215	251	159	338
Lead	ppm	0	2	2	4
Tin	ppm	13	13	8	21
Aluminum	ppm	14	13	9	19
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	0	<1	0	0
Nickel	ppm	<1	<1	<1	1
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	0	<1	<1	3
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	100	102	90	130
Magnesium	ppm	2	1	1	2
Zinc	ppm	10	0	5	16
Phosphorus	ppm	188	174	168	227
Barium	ppm	0	1	0	<1
Boron	ppm	75	80	71	75

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: RELMIL
Unique No: 10635564
Signed: Wes Davis
Report Date: 08 Sep 2023

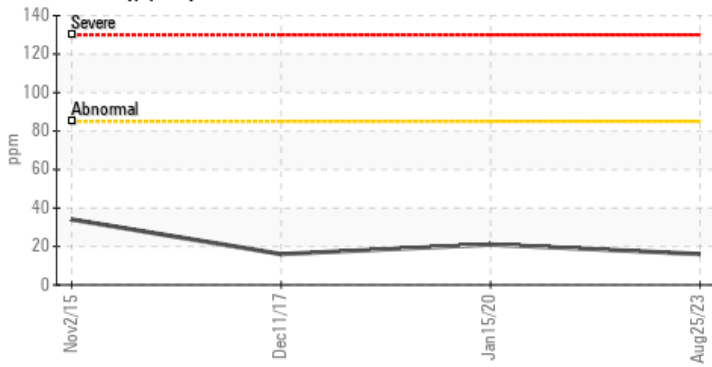


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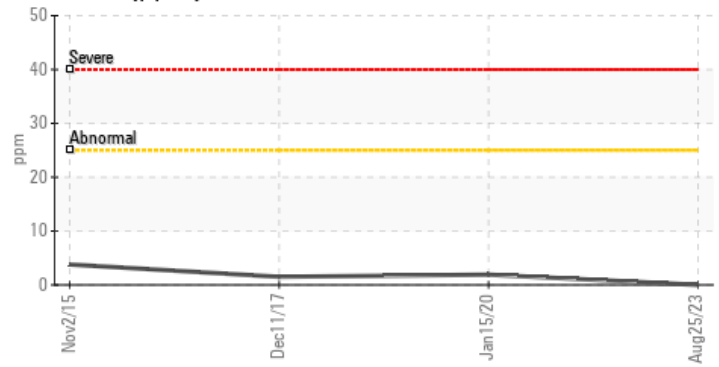


GRAPHS

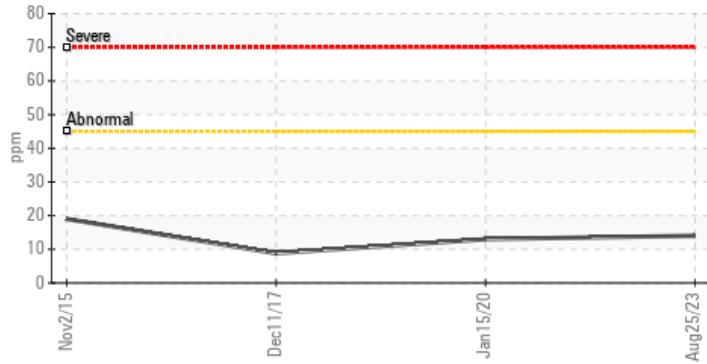
Iron (ppm)



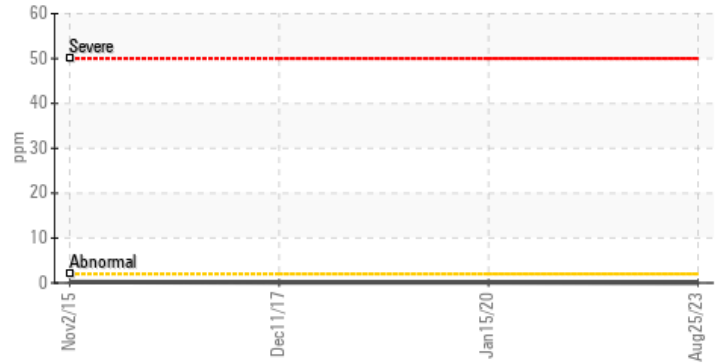
Lead (ppm)



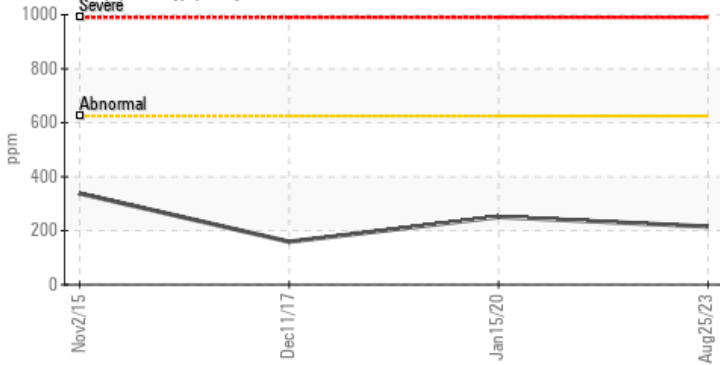
Aluminum (ppm)



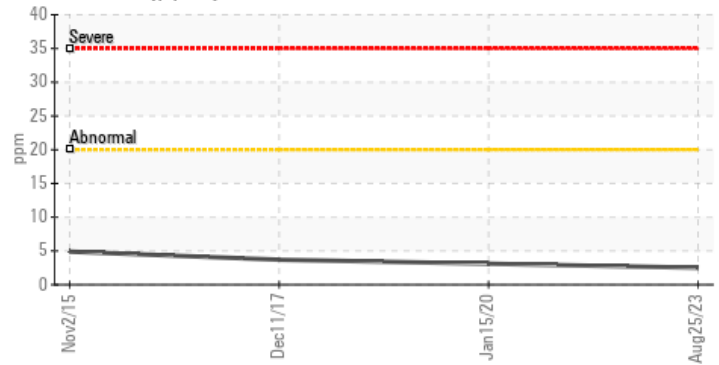
Chromium (ppm)



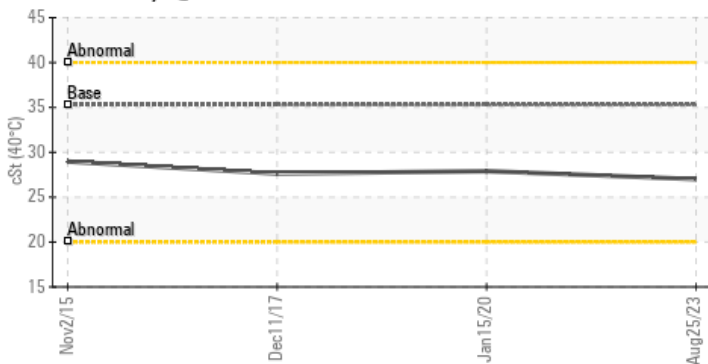
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

